# Biochemistry and Biophysics Reports

# Supporting Material

# Ultraviolet radiation reduces desmosine cross-links in elastin

Basant Dhital [1], Philip Durlik[2], Pratikkumar Rathod[3,5], Farhana Gul-E-Noor [2], Zhixiao Wang[4], Cheng Sun[4], Emannuel J. Chang[3,5,6], and Gregory S. Boutis[1,2,3,*]

[1]The Graduate Center of The City University of New York, Department of Physics, New York, New York, USA, [2]Department of Physics, Brooklyn College of The City University of New York, Brooklyn, New York, USA, [3] The Graduate Center of The City University of New York, Department of Chemistry, New York, New York, USA, [4]College of Physical Science and Technology, Dalian University, Dalian, China, [5]York College of The City University of New York, Department of Chemistry, Jamaica, New York, USA, [6]The Graduate Center of The City University of New York, Department of Biochemistry, New York, New York, USA

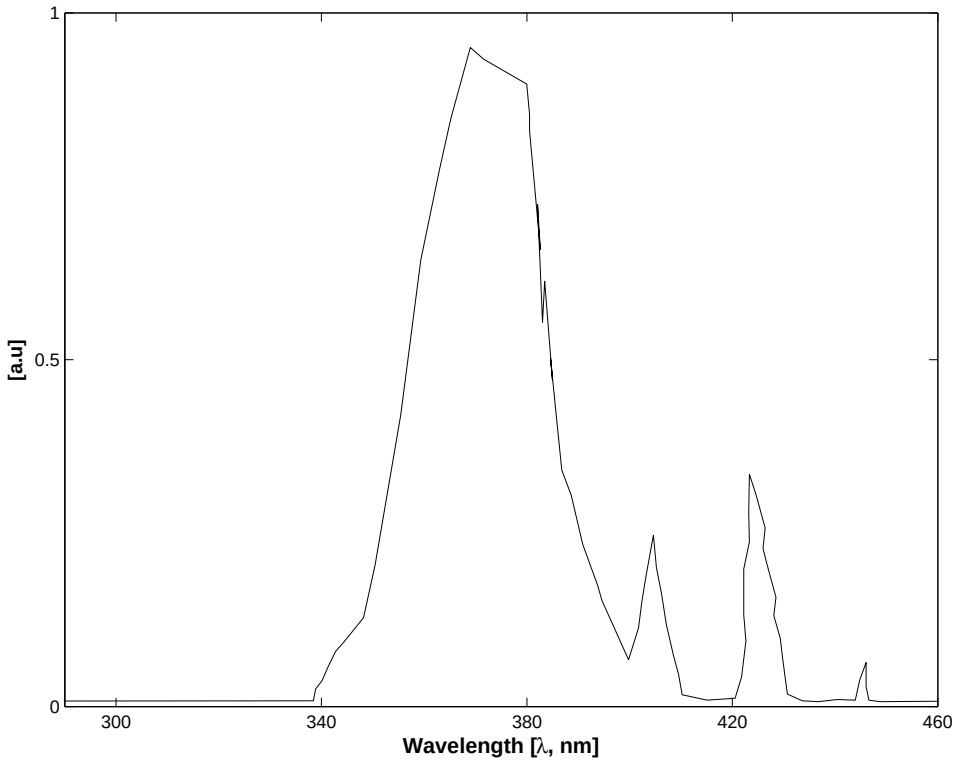


**Figure S1:**Wavelength distribution of the 3U40W UV-A lamp provided by the manufacturer (Cnlight Co, China) used for irradiating samples in this study.